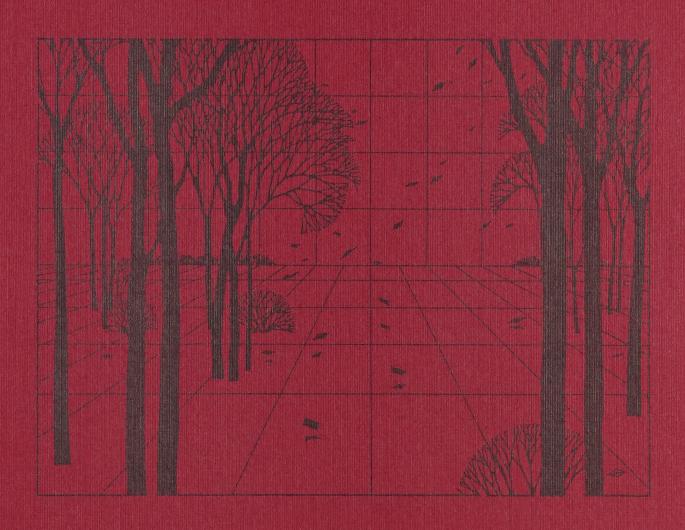
CITY OF WOODLAND



Level of Service Plan

1988



Level of Service Plan

for the City of Woodland

by QUAD Consultants January 1989

> date adopted December 20, 1988

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ACKNOWLEDGEMENTS



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SERVICES HAVING DEFICIENCIES

Water System Distribution
Storm Drainage Collection and Pumping System
Parkland Acreage
Recreation Facilities (Partial)
Schools
Police Activities
Public Works Department - Staffing

SERVICES WHICH HAVE CAPACITY BUT REQUIRE ACTION WITHIN 18 MONTHS

Refuse Collection Recreation Facilities (Partial) Schools Police Activities Fire Services Administration - Staffing

SERVICES WITH ADEQUATE CAPACITY FOR OVER 18 MONTHS

Wastewater Treatment Facility
Electrical Service
Natural Gas Service
City Street Flows - Major Intersections
Commercial Aviation
Parks and Recreation - Recreation Camp
Recreation Facilities (Partial)
Cable Service
Telephone
Library Services (Incomplete)



LIST OF UPDATES

DATE SECTION UPDATED

AUTHOR/SOURCE

November 1988

All Sections

QUAD Consultants
City of Woodland



USING THE PLAN



This introductory chapter is divided into the following four sections:

- Purpose.
- Updating the Plan.
- Assumptions concerning conditions and growth factors.
- Information contained in the status reports.

1.1 PURPOSE

1.1.1 DESCRIBES EXISTING SERVICE LEVELS

The Level of Service Plan quantifies the current quality of life experienced by the residents of the City of Woodland. The quality of life is described through tabulation of existing service levels and facilities such as, but not limited to:

- Services provided by the City
- Services provided by other public agencies
- Services provided by private companies
- Services provided by public utilities
- Quantity of equipment and/or facilities available to the public

The Plan also identifies the existing minimum levels of service provided within the City, identifies where deficiencies exist and where modifications to facilities, services and personnel are required to meet the identified quality of life desired by the community.

1.1.2 MONITORS CHANGES IN SERVICE LEVELS

The Plan monitors changes in the quality and/or quantity of services provided to the Citizens of Woodland resulting from:

- Changes in the rate and/or amount of population growth;
- Changes in City, Regional or State regulation and/or policy;
- Changes in operational capacities; and
- Changes in financial status or resources.

Through monitoring, the plan provides an early warning system indicating when a service is nearing or exceeding its capacity. This is especially useful in capital facilities budgeting where a project may require up to three years to plan, process permits, obtain financing and construct.



1.1.3 COMMUNITY BENCHMARK

The Level of Service Plan provides the City Council, Planning Commission, staff and citizens the benchmark upon which to judge the degree of impact on the quality of life resulting from, but not inclusive of, project approvals or denials, budget allocations and staff changes.

Based on impacts identified, the City policy makers can take the appropriate action to maintain an agreed upon level of service. These modifications may include additional staffing, increased investment in capital facilities, or reductions in service levels elsewhere to offset identified impacts.

1.2 UPDATING THE PLAN

This document is not a static plan that rests on the shelf. It is a management tool that requires regular review and updating. As services change in the staffing, quantity or type of service rendered, the plan itself will require modification.

1.2.1 DEPARTMENT MONITOR

Department heads shall assign a staff person the responsibility for periodic review and measurement of the plan against actual statistics and known activity data. This staff person shall report, orally or in writing, at specific intervals (such as quarterly), to the department head and Community Development Director as to changes that are detected in current trends, for needed modifications to the Level of Service Plan.

1.2.2 LEVEL OF SERVICE COORDINATOR

The Community Development Director is the coordinator of the Level of Service Plan.



1.2.3 ANNUAL MEETING

The City Manager and Community Development Director shall conduct an annual meeting in October of the LOS coordinators (both city and non-city) to discuss the Level of Service Plan and revisions that are warranted. This meeting should be held prior to the initial preparation of the ensuing year budget so that specific funding issues,--either for operations or for capital improvements,--can be reflected in the budget preparation process and appropriate fiscal information reported to the city council for their consideration when acting on the annual budget adoption.

1.2.4 PLANNING COMMISSION COORDINATION

It is important to include the Planning Commission, or a subcommittee of the Planning Commission, throughout the process of review and updating of the Level of Service plan. Accordingly, it may be desirable to assign the up-dating process to a task force composed of city department staff and members of the planning commission. In this manner, as the various steps are reached in the formal review process, the planning commissioners will be involved and can take appropriate action for reporting to the City Council, revising elements of the general plan, or recommending other policy actions which the Level of Service plan has identified as needing attention.

1.3 ASSUMPTIONS OF CONDITIONS AND GROWTH FACTORS

Estimating and projecting service levels for Woodland are based on a set of assumptions. These assumptions are based on historical facts and trends, the Woodland Data Base, and the Woodland General Plan. The assumptions are presented by the following categories:

- Land-use acreage
- Population levels
- Housing Capacity

1.3.1 LAND USE ACREAGE

Some levels of service are estimated using factors that incude types and amounts of different land uses. All land-use acreages are obtained from Tables 3, 4, and 5 of the Woodland General Plan Land Use Section.



1.3.2 POPULATION AVERAGES

Many levels of service are projected and estimated using current and projected population levels. The following assumptions are used in these estimates:

- The population growth rate until buildout will be 2.1%.
- The estimated population at buildout will be 60,700.

1.3.3 HOUSING CAPACITY

Some levels of service are estimated using unit values of Woodland's Housing Stock. All unit values are derived from Table 4 "Vacant Residential Land" from the Woodland General Plan Land Use Element.

1.4 INFORMATION CONTAINED IN THE STATUS REPORTS

This section serves as a guide for interpreting the level of service reports contained in the following chapter. Each status report is divided into two sections which include a number of topics.

- Level of Service Assumptions and Measures
- Level of Service Status Table

1.4.1 LEVEL OF SERVICE ASSUMPTIONS AND MEASURES

Service

The service that is being monitored, at either the City wide or plan area level. The City Plan Areas are shown on Figure 1 following this page.

Update

The interval and month when the particular service needs to have its level of service status updated to insure adequate monitoring.

Monitoring Agency

The agency responsible for taking action to update the service or facility.

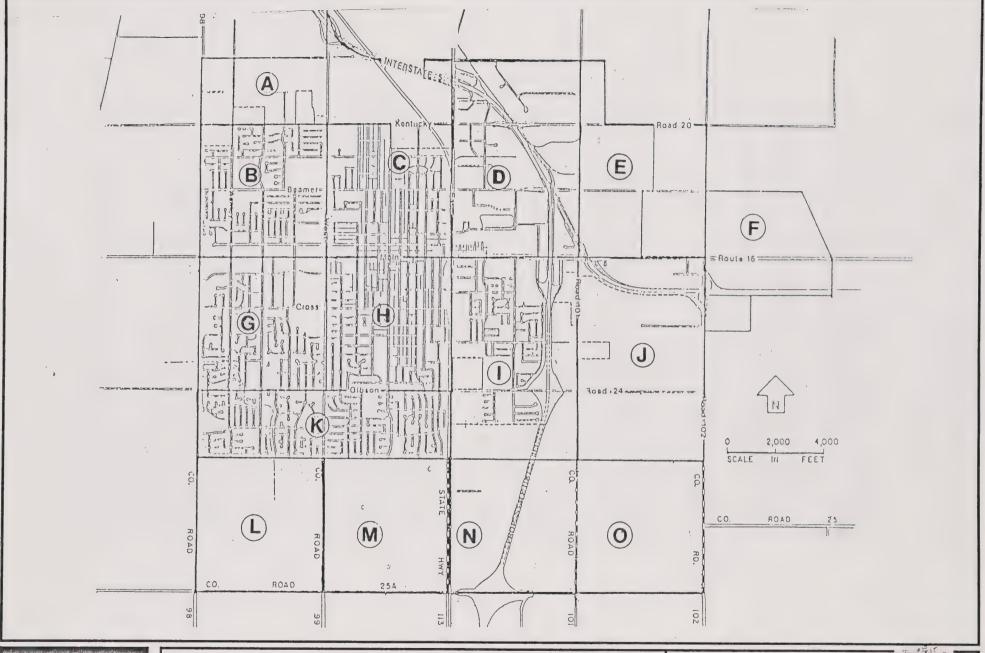
Responsible Agency

The agency which is responsible to update the status reports in the level of service plan.

Prior Actions by Year

Summarizes prior yearly actions to improve or expand this level of service.







PLANNING AREAS

FIGURE

FOR THE CITY OF WOODLAND





Current Required Action

Describes action required to increase existing level of service to meet expected demands within LOS status update time interval.

Assumptions

This topic includes accepted facts and level of service standards pertaining to the particular level of service provided. These facts and standards are provided by the responsible agency or affiliated agency who are named in the agency summary section.

These facts and assumptions are directly used to complete the following status sheet topics.

- · Target Level of Service at buildout
- Current Level of Service

Measures

This topic describes the manner in which levels of service are measured. This topic may include a qualitative or quantitative method depending on the information available for each of the different services. These measures are directly used in the following status sheet topics.

- · Estimated level of service at buildout
- Months before reaching zero surplus for level of service

1.4.2 LEVEL OF SERVICE STATUS TABLE

Target Level of Service at Buildout

This topic determines the level of service required at buildout conditions for the City. This topic may be expressed either quantitatively or qualitatively.

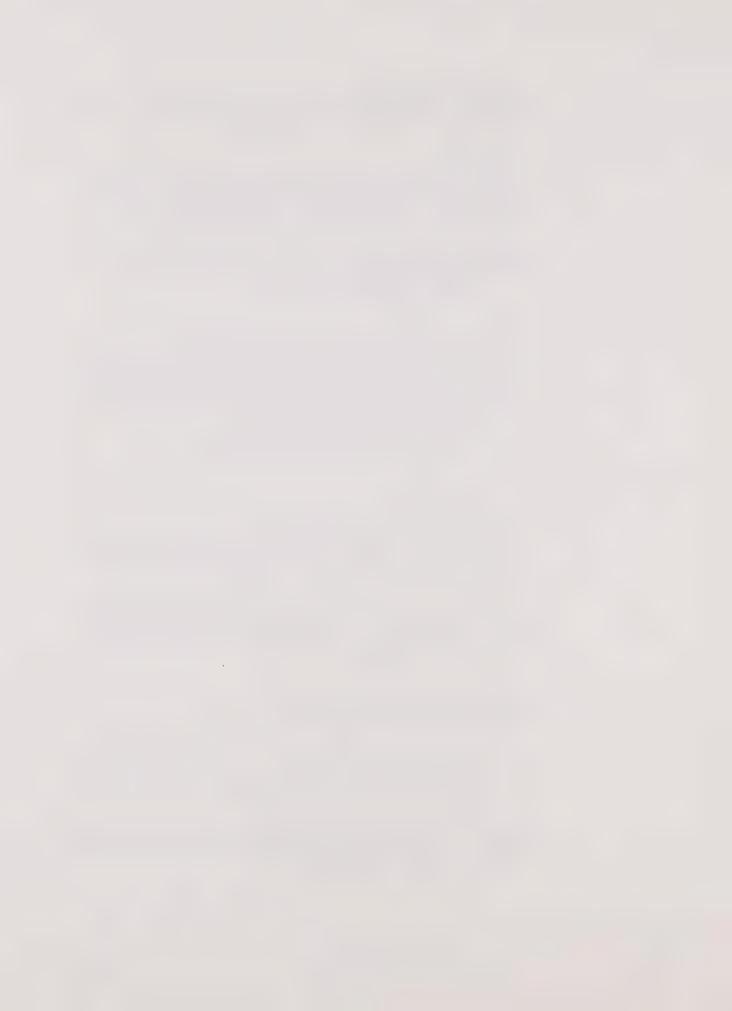
The level is determined in accordance with goals and policies of the General Plan and standards or measures set by the responsible agency. It is calculated by using growth factors found in the <u>Citywide Growth Factors/Assumptions Section</u>.

Estimated Level of Service at Buildout

This topic may be addressed two ways:

- As a quantitative expression of actual estimates that are expected at buildout conditions.
- As a qualitative expression of either a surplus of deficiency of services that can be expected at buildout.

This level is determined using standards set by the responsible agency. It is calculated using growth factors found in the <u>Citywide Growth Factors/Assumptions Section</u>.



Service Capacity/Standard

This topic determines the current existing capacity of a service. It may also be expressed as a standard that is set by the responsible agency that needs to be adhered to. This information is provided by the responsible agency and may also be expressed in a qualitative term.

Service Usage

This topic determines the actual level of service being used by the public. It may be provided by the responsible agency as known information or estimated using existing current information and standards.

Service Surplus/Deficiency

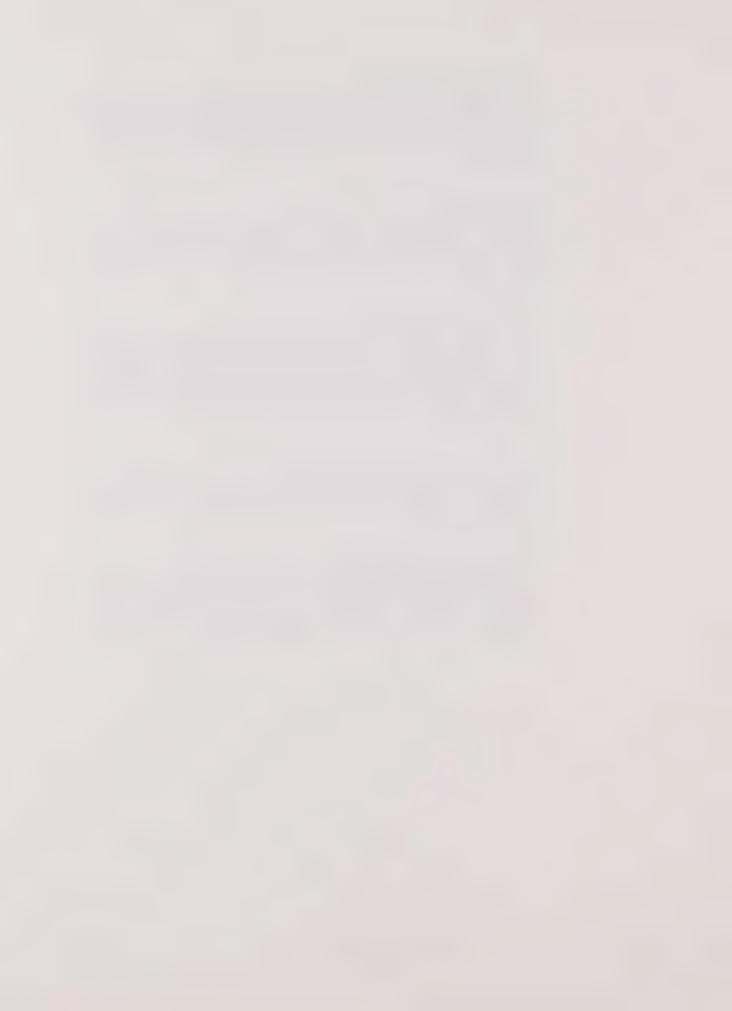
This topic determines the current surplus or deficiency of a service that is provided to the public. Quantitatively, it is found by subtracting <u>Current Level of Service</u> from <u>Service Capacity of Standard</u>. Qualitatively, it can be exressed as a plus (+) or a minus (-) to describe adequate to less than adequate level of service conditions.

Months Before Reaching Zero Surplus

This topic may only be expressed quantitatively and describes the amount of time before a service has no surplus to accommodate increasing demand.

Months Before Action Required

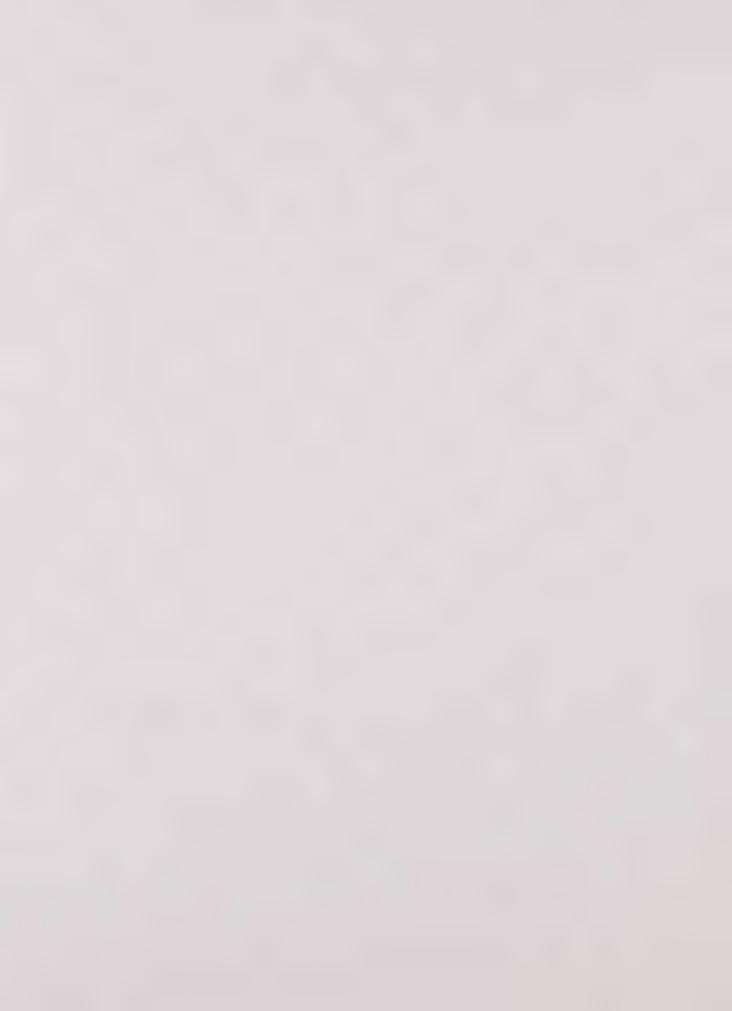
This topic determines the amount of time prior to having to remedy a limited or non available service. The time estimate is determined by the responsible agency who estimates the month required to design, process and implement the new or expanded service.







2.0 STATUS REPORTS



MONITORING AGENCY

Department of Public Works

CRITERIA TO MONITOR

Changed conditions imposed by state on waste discharge permit + Population growth beyond average annual rate of 2.06%

Change in General Plan densities

Annexation

Change in law regarding treatment standards Change in type or quality of waste flow Increased infiltration to collection system

UPDATE

Annually in October

RESPONSIBLE AGENCY

Department of Public Works

PRIOR ACTION

Adoption of Wastewater Treatment Master Plan

REQUIRED ACTION

Plant expansion

ASSUMPTIONS/SOURCE

Demand on the Wastewater Treatment Plan is 125 Gallons/Day/Person living in Woodland This figure takes into account wastewater produced at industrial and commercial land uses, assuming that those uses are not "wet" types of manufacturing and processing. [City of Woodland]

Capacity at the Wastewater Treatment facility is based on the year round discharge into Tule Canal. After treatment takes place. [City of Woodland]

The Wastewater Treatment Plant and Process presently being modified. New processes and larger facilities will increase capacity at the treatment plant after September 1989. [City of Woodland]

MEASURES

Treatment Plant use measured in Million gallons per day

WASTEWATER TREATMENT FACILITY

(Annual Average MGD)

And the second s

(Immun Inchage 1416D)	CITYWIDE Prior to Nov.88	CITY WIDE After Feb.89
Target Capacity at Buildout	8.0	8.0
Estimated Usage at Buildout	7.6	7.6
Current Maximum Capacity	4.0	6.0
Current Usage	4.6	4.6
Current Available Surplus or (Deficiency)	(0.4)	1.4
Months Before Reaching Capacity	0.0	160.0
Months Until Action Required	0.0	130.0

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

PRIOR ACTION

REQUIRED ACTION

ASSUMPTIONS/SOURCE

MEASURES

Department of Public Works

Change in per person Average Daily Flow
Change in density from 2.74 persons per household
Change in ratio of net developed acreage
Annual growth rate greater than 2.06%
Change from 8 dwelling units per acre, single family
Change from 10 dwelling units per acre, duplex
Change from current level of 15 dwelling units per acre, multi-family per acre

Annually in October

Department of Public Works

Adoption of the Wastewater Treatment Master Plan

Collection system enlargement/modification

Level of Service is only measured by system deficiencies according to collection basin configuration as shown in the following figure.

Basin CO7 and D require specific plans (SP) for collection system construction

Undersized is defined to be flows greater than or equal to 118% of pipeline capacity.

Source: Mike Horgan - Woodland Wastewater Facilities Master Plan

Collection system rated by basin - See Figure 2. Three aspects of the systems were rated.

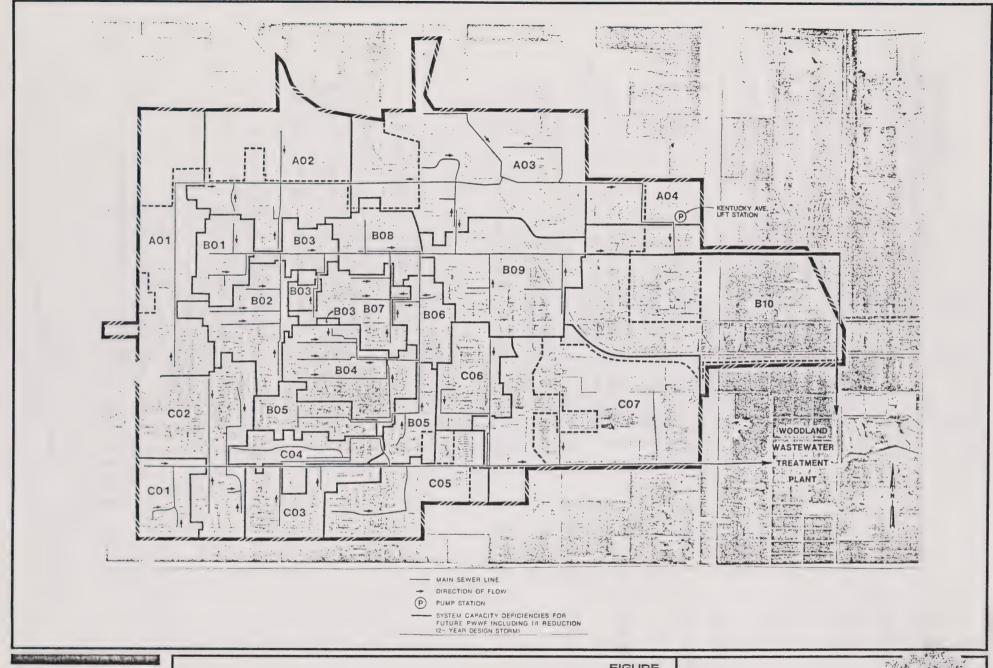
- Major collectors or trunklines within the basin.
- Major trunklines downstream from basin.
- Pump station improvements that serve sewer basins.

WASTEWATER COLLECTION SYSTEM

Residential/Commercial/Industrial

Del	ficier	icles

Deficiencies	COL	ECT	ION	BASI	NS	1																
	A01	A02°	A 03	A04	B01	B02	B03	B04	B05	B06	B07	B08	B09	B10	C01	C02	C03	C04	C05	C06	C07	D
BUILDOUT DEFICIENCIES	1																					
Undersized Major Collectors or Trunk Mains Within System								х			x	X	·x	х							SP	SI
Undersized Trunk Downstream of Basin	×	Х	X	Х	Х	x															SP	S
Pump Station Improvements Required	×	Х	X	х																	SP	S
CURRENT DEFICIENCIES																						
Undersized Major Collectors or Trunk Mains Within System								Х		Х	Х	X	Х	Х							SP	9
Undersized Trunk Downstream of Basin	X	Х	Х	Х	Х	X		,													SP	9
Pump Station Improvements Required	X	X	Χ	Х																	SP	





WASTEWATER TREATMENT BASINS **FIGURE**

LEVEL OF SERVICE PLAN FOR THE CITY OF WOODLAND



CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

PRIOR ACTION

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Department of Public Works

Change in peak demand
Change in average consumption
Changed fire flow requirements
Changed quality of well water
Changed standards for pre-treatment
Changed ground water conditions (such as toxic waste leaching, etc.)
Changed ground water quantity/depth
Annually in October

Department of Public Works

Adoption of the Water System Master Plan

Installation of additional wells or treatment equipment & exploring additional sources of water (surface water)

Water Distribution System Level of Service is measured by gallons per minuter flows for fighting fires in the planning areas.

The Woodland Fire Department sets the following standards:

Residential 1500 GPM

Light Commercial
 Planned Unit Development 2500 GPM

Industrial Business District 3500 GPM

Current deficiencies (-)/capacities (+) are defined by the ability of the following facilities to contribute to the GPM needed to fight fires in the individual planning areas. A deficiency (-) means that the facility needs to be upgraded to meet the needed GPM.

- Fire hydrants: maximum spacing 300 feet
- Water mains: Minimum diameter 8 inches (6 inches if spur with no hydrant)
- Water wells
- Auxillary power to wells
- Telemetry

Source: Mike Horgan, Woodland Public Works Dept. Woodland Water Systems Master Plan 1985

WATER SYSTEM - DISTRIBUTION						PLAN	AREAS					
(Gallons per Minute Flow)	City Wide	A	В	С	D	E	F	G	Н	I	J	K
Target Capacity at Buildout (GPM)		3,500.0	3,500.0	3,500.0	3,500.0	3,500.0	3,500.0	2,500.0	3,500.0	2,500.0	3,500.0	1,500.0
Future Capactiy (+)/Deficiency (-) Fire Hydrants Water Mains Water Wells Auxilary Power For Wells Telemetry	(-) (-) (-) (-)	(-) (-) (-)	+ + + +	(-) (-) + +	(-) (-) + +	(-) (-) + +	(-) (-) (-)	(-) (-) + +	+ + + + +	(-) (-) (-)	(-) (-) + +	+ (-) + +
Current Need (GPM)		3,500.0	3,500.0	3,500.0	3,500.0	3,500.0	3,500.0	2,500.0	3,500.0	2,500.0	3,500.0	1,500.0
Current Capacity (+)/Deficiency (-) Fire Hydrants Water Mains Water Wells Auxilary Power For Wells Telemetry	(-) (-) (-) (-)	+ + + +	(-) (-) + +	+ (-) + +	(-) (-) + +	(-) (-) + +	(-) (-) + +	(-) (-) + +	(-) + + +	(-) (-) + +	+ + + +	(-) + + +

Department of Public Works

CRITERIA TO MONITOR

Zone changes New construction

Annexation

Change in weather patterns

State mandates Liability issues

Increased ration of impervious land

UPDATE

Annually in October

RESPONSIBLE AGENCY

Department of Public Works

PRIOR ACTION

Adoption of the Storm Drainage Master Plan

REQUIRED ACTION

Implement Drainage Master Plan Recommendations Construct pumping stations as provided in plan Enlarge collector lines as provided in plan

ASSUMPTIONS/SOURCE

The Level of Service measure area is divided into two major basins A and B. See following figure -Figure 3.

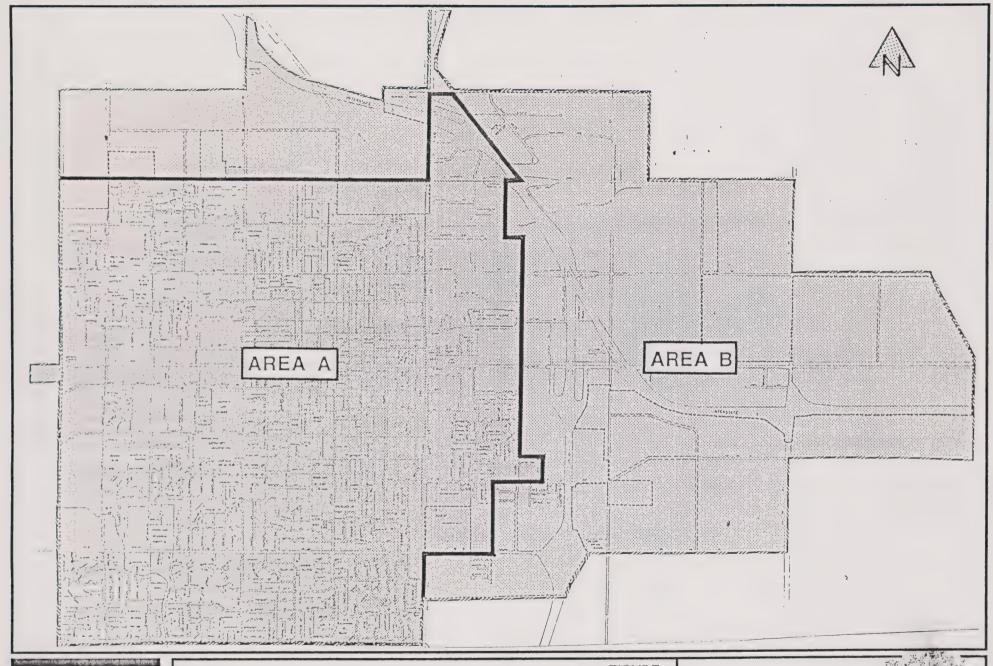
Plan Area A is an established older area of town with older facilities and a non-uniform Level of Service. Many areas have a design capacity of less than intensity of a 2 year storm event.

Usage is varied throughout the city.

"Current surplus (+)/Deficiency (-)" is shown for each plan area that shares either basin A or B. Deficiencies are discussed in the Woodland Storm Drainage Master Plan.

MEASURES

Two year and ten year storm events. This standard is derived in the Storm Drainage Master Plan. These standards define the amount of rainwater produced by these events.

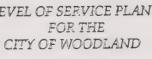




DRAINAGE SERVICE AREAS

FIGURE

FOR THE



DRAINAGE SYSTEM - COLLECTION SYSTEM

,						PLAN	AREAS					
	'City Wide	A	В	С	D	E	F	G	Н	I	J	K
SERVICE AREA	A & B	В	A	A	A & B	n.				1		
Target Storm Service Level at Buildout	2 Yr. 10 Yr	10			ACD	В	В	A	A	A & B	В	A
	2 II. IU II	10	2	2	2 & 10	10	10	2	2	2 & 10	10	2
Estimated Usage at Buildout Trunkline Capacity	2 10	10	2	2	2 &10	10	10	2	2	2 & 10	10	
Current Maximum Level of Service Trunkline Capacity	Variable throu	ghout the (City and Plan	n Areas but	t normally	less than						2
Current Usage	Variable throu											
Current Deficiencies	See Master Pla	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)			(-)
Months Before Reaching Current Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Until Action Required	On going	On going	On going	On going	On going	On going	On going	On going				

DRAINAGE SYSTEM - PUMP STATION

(Cubic Feet per Second)

Target Capacity at Buildout	900.0
Estimated Usage at Buildout	900.0
Current Maximum Capacity	180.0
Current Usage	480.0
Current Available Surplus or (Deficiency)	(300.0)
Months Before Reaching Capacity	0.0
Months Until Action Required	On going

Department of Finance

CRITERIA TO MONITOR

Changed zoning
Increased density
Annexation
Increased waste
Changed waste composition
State regulations affecting disposal cost/operation

UPDATE

Annually in October

RESPONSIBLE AGENCY

Woodland Disposal Corporation Yolo County (Land Fill) City of Woodland

PRIOR ACTION

None

REQUIRED ACTION

Service to all parcels; maximum use of recycling Reduce waste stream into landfill by 25% by 1995, 50% by 2000.

ASSUMPTIONS/SOURCE

Yolo County Public Works Department 5.2 lbs/Person/Day generated 1 lb/Day/100 Sq. Ft. generated by Commercial - Industrial use

Source: Yolo County Department of Public Works

MEASURES

6.8 lbs per day per Woodland resident. This figure accounts for all refuse produced from Woodland.

REFUSE COLLECTION (Tons per Day)

Target Capacity at Buildout	420.0
Estimated Usage at Buildout	413.0
Current Maximum Capacity	260.0
Current Usage	251.0
Current Available Surplus or (Deficiency)	10.0
Months Before Reaching Capacity	36.0
Months Until Action Required	12.0

Department of Public Works

CRITERIA TO MONITOR

Annexation Rezoning Higher density per plan area Increased consumption per capita Population growth rate more than 2.06%

UPDATE

Annually in October

RESPONSIBLE AGENCY

Department of Public Works

PRIOR ACTION

None

REQUIRED ACTION

Expansion of Electrical distribution system

ASSUMPTIONS/SOURCE

14,715 residential customers
2,457 Commercial customers
6 Industrial customers
96.9 Thousand KWH per commercial acre
96.9 Thousand KWH per industrial acre
8.1 Thousand KWH per residential customer, a residential customer equals 2.3 persons

MEASURES

21,000 kw hours per resident per year total consumption for the City of Woodland

1,000 persons average added to the city yearly until buildout

ELECTRICAL SERVICE (Million Kilowatt Hrs.)

Target Capacity at Buildout	500.0
Estimated Usage at Buildout	489 MIL
Current Maximum Capacity	320 MIL
Current Usage	309.6 MIL
Current Available Surplus or (Deficiency)	10.4 MIL
Months Before Reaching Capacity	16.0
Months Until Action Required	4.0

Department of Public Works

CRITERIA TO MONITOR

Annexation Rezoning Higher density per plan area Increased consumption per capita Growth rate exceeding 2.06% per year

UPDATE

Annually in October

RESPONSIBLE AGENCY

Department of Public Works

PRIOR ACTION

None

REQUIRED ACTION

See Action description at end of this section

ASSUMPTIONS/SOURCE

11,937 Residential customers
993 commercial customers
7 industrial customers
181 Therms per acre for commercial uses
181 Therms per acre for industrial uses
60.6 Therms per customer for residential uses at 2.85
persons per customer

MEASURES

- 90 therms per customer consumed per year for the entire City
- 32% of total population are customers
- 1,000 residents per year are added to the City

NATURAL GAS SERVICE (Million Therms)

Target Capacity at Buildout	1.9
Estimated Usage at Buildout	1.8
Current Maximum Capacity	1.1
Current Usage	1.1
Current Available Surplus or (Deficiency)	0.0
March Patrice Production	24.0
Months Before Reaching Capacity	24.0
Months Until Action Required	12.0

TRANSPORTATION AND CIRCULATION

2.6.1

CITY STREETS

MONITORING AGENCY

Department of Public Works

CRITERIA TO MONITOR

Increased vehicle miles travelled
Increased auto population
More intensive use of land adjoining streets
CO₂ violations and mandatory auto restraints
Increased population beyond planning area forecast

UPDATE

Annually in October

RESPONSIBLE AGENCY

Department of Public Works

PRIOR ACTION

Adoption of Street Master Plan

REQUIRED ACTION

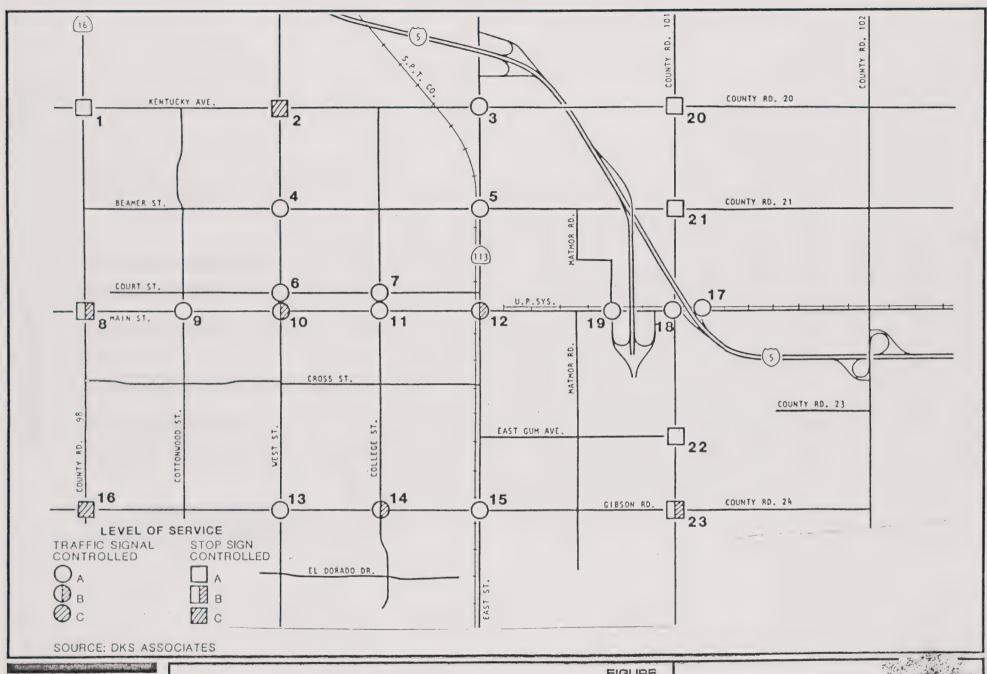
ASSUMPTIONS/SOURCE

Source: Circulation Master Plan
Data provided by DKS (see Figure 4)
Standard acceptable for intersections

is Level of Service C

MEASURES

Intersection study conducted as part of the Circulation Master Plan. Level of Service Indicators A-F.



CONSULTANTS

INTERSECTION LEVEL OF SERVICE PM PEAK HOUR

FIGURE

LEVEL OF SERVICE PLAN FOR THE CITY OF WOODLAND



CITY STREETS - MAJOR INTERSECTIONS
1000 vehicles per day-1000 vehicles per hr.)
BY INTERSECTION NUMBER

LOS A-F

	City Wide				Intersection Numbers									
	Average	1	2	3	4	5	6	7	8	9	10	11		
Target CapacityStandard at Buildout	Average C	С	С	С	С	С	С	С	С	С	С	С		
Estimated Usage at Buildout	С	С	D	D	С	D	D	D	D	D	D	D		
Current Maximum Capacity/Standard	С	С	С	С	С	С	С	С	С	С	С	С		
Current Usage	B+	A	С	Α	A	A	Α	Α	A	Α	В	Α		
Current Available Surplus or (Deficiency)	2+ Levels	2	0	2	2	2	2	2	2	2	1	2		
Months Before Reaching Capacity	40.0	40.0	0.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	20.0	40.0		
Months Until Action Required	16.0	16.0	0.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	0.0	16.0		

CITY STREETS - MAJOR INTERSECTIONS LOS A-F
1000 vehicles per day-1000 vehicles per hr.)
BY INTERSECTION NUMBER

DI INTERSECTION NOMBER												
	City Wide				Inter	section Nu	mbers					
	Average	12	13	14	15	16	17	18	19	20	21	22
Target CapacityStandard at Buildout	Average C	С	С	С	С	С	С	С	С	С	С	С
Estimated Usage at Buildout	С	С	D	D	С	D	D	D	D	D	D	D
Current Maximum Capacity/Standard	С	С	С	С	С	С	С	С	С	С	С	С
Current Usage	B+	В	A	В	A	С	A	A	A	A	A	Α
Current Available Surplus or (Deficiency)	2+ Levels	1	2	1	2	0	2	2	2	2	2	2
Months Before Reaching Capacity	40.0	20.0	40.0	20.0	40.0	0.0	40.0	40.0	40.0	40.0	40.0	40.0
Months Until Action Required		0.0	16.0	0.0	16.0	0.0	16.0	16.0	16.0	16.0	16.0	16.0

Department of Public Works

CRITERIA TO MONITOR

Shift of general aviation away from Sacramento

Metropolitan Airport

Development of third level carrier service

UPDATE

Annually in October

RESPONSIBLE AGENCY

Watts-Woodland Airport

REQUIRED ACTION

Expansion of Aircraft basing facilities

ASSUMPTIONS/SOURCE

50,000 operations/yr
100,000 operations/yr max.
5 % growth per year
Hangar and basing facilities can be built to accommodate growth to full capacity

Data to be provided by Milt Walts

Source: Milt Walts, November 1988

Watts - Woodland Airport

AVIATION - GENERAL

(100 Riders)
Watts - Woodland Airport

Water Woodland Philiport	Operations	Basings
Target Capacity at Buildout	100,000	200
Estimated Usage at Buildout	100,000	200
Current Maximum Capacity	100,000	95
Current Usage	50,000	75
Current Available Surplus or (Deficiency)	50,000	20
Months Before Reaching Capacity	240	60
Months Until Action Required	200	40

Department of Public Works

CRITERIA TO MONITOR

FAA rule changes Land use changes around airport

UPDATE

Annually in October

RESPONSIBLE AGENCY

Sacramento County Metropolitan Airport

REQUIRED ACTION

5 %/yr growth in traffic 4,000,000 current capacity

3,825,000 current passenger level

ASSUMPTIONS/SOURCE

Data provided by the Office of the Airport Director -Sacramento Metropolitan Airport

AVIATION - COMMERCIAL (Passengers)

	Before 1/90	After 1/90
Target Capacity at Buildout	8.0 mil	8.0 mil
Estimated Usage at Buildout	8.0 mil	8.0 mil
Current Maximum Capacity	4.0 mil	8.0 mil
Current Usage	3.8 mil	4.1 mil
Current Osage	3.0 1111	4.1 11.11
Current Available Surplus or (Deficiency)	0.2 mil	3.9 mil
Months Before Reaching Capacity	12.0	240.0
Months Until Action Required	0.0	200.0

Parks and Recreation Department

CRITERIA TO MONITOR

Staffing ratio of 1 supervisor & 2.66 workers per 8,000 population

Change in density within planning areas

Change in zoning

Change in population growth rate Change in leisure time activity

Annexation of areas to city

UPDATE

Annually in October

RESPONSIBLE AGENCY

Parks and Recreation Department

PRIOR ACTION

Adoption of Recreation Element

REQUIRED ACTION

ASSUMPTIONS/SOURCE

The Woodland Parks and Recreation Department has determined that one acre per 100 population is an acceptable level of parkland and public open space.

Neighborhood parks should be 5 to 10 acres and serve a maximum of 3,000 persons and be within 3/8 of a mile to any one of those persons.

"Estimated usage at Builout" incorporates information provided by Woodland Parks and Recreation "Required Additional Lands."

Assumes no mini parks or community parks will be constructed as provided for in National Standards Source: Woodland Parks and Recreation

MEASURES

One acre per 100 population of parkland and public open space.

1,000 residents added per year

RECREATION PARKLANDS BY AVERAGE	TOTAL PARKLAND ACRES	NEIGHBORHOOD PARKS	RECREATION AREAS	REGIONAL PARKS
Target Capacity/Standard at Buildout	610	200	250	160
Current Level of Service (Number of Park Acres)	300	70		
Current Usage/Standard*	331	73 89	67 82	160
Current Available Surplus/Deficiency	(31)	(16)	(15)	(0)
Months Before Reaching Capacity	0	0	0	0
Months Before Action Taken	0	0	0	0

Acreage spread derived by using current level of service

	2.7.3	PARKS AND RECREATION FACILITIES			
MONITORING AGENCY	Parks and Recreation Department				
CRITERIA TO MONITOR	Population Rate Facilities to Population Standards				
UPDATE	Annually in October	Annually in October			
RESPONSIBLE AGENCY	Parks and Recreation I	Department			
REQUIRED ACTION					
ASSUMPTIONS/SOURCE	FACILITY	SERVICE STANDARDS			
•	Neighborhood Parks	10 acres 3,000 population 3/8 mile service area			
	RECREATION AREAS (Ball Fields)	LIGHTED			
	Little League Ball Field	10,000 population Serve 200 players			
	Powder Puff	20,000 population Serve 200 players			
	Adult Softball	10,000 population Serve 600 players			
	Baseball	30,000 population			
	Swim Pools	Combination of: 1 per 10,000 - 25M 1 per 20,000 - 50M			
	Senior Center	1 per 30,000 population			
	Recreation Center	1 per 40,000 population			
	Cemetery	1-20 acres, 15,000 plots 45,000 population			

Community Center 1 per 45,000

ASSUMPTIONS/SOURCE (CONTINUED)

Recreation Supervisor 1 per 8,000 population

Park Maintenance Worker 1 per 3,000 population

Source: City of Woodland Parks and Recreation

Department

MEASURES

Include the above standards 1,000 residents added per year

CITY OF WOODLAND PARKS AND RECREATION DEPARTMENT RECREATION FACILITIES

	SWIM POOLS	SENIOR CENTER	RECREATION CENTER
	Combination of: 1-50M PER 20,000 1-25M PER 10,000	1 PER 30,000	1 PER 40,000
Current # Facilities	1-50M 1-25M	1	1
Current Available Standards # of Facilities (40,000 pop.)	1-50м	1	1
Current Available Surplus/Deficiency	(1-25M)	0	0
Target Standard at Buildout (60,000 pop.)	Combination of: 2-50M 2-25M	1.5	1.5

CITY OF WOODLAND PARKS AND RECREATION DEPARTMENT RECREATION FACILITIES

	Little League (1 per 10,000)		Adult Softball (1 per 10,000)	Baseball (1 per 30,00
Current # Facilities	2/1	1/1	4	1
Current Available Standards # of Facilities (40,000 pop.)	4	2	4	1.33
Current Available Surplus/Deficiency	(1)	0	0	(.33)
Target Standard at Build out (60,000 pop.)	6	3	6	2

*Lighted/Unlighted

DISK 69:182

RECREATION FACILITIES - (Continued) (Facilities/1,000 population)

Months Until Action Required

, , , , , , , , , , , , , , , , , , , ,	Play Appartus	Picnic Unit	S	Swimming Pool	Recreation Center
Target Standard at Buildout	12.0	6.0		3.0	3.0
Estimated Number of Facilities at Buildout	12.0	6.0		3.0	3.0
Current Acceptable Standard Number of Facilities	8.0	4.0		2.0	2.0
Current Number of Facilities	13.0	18.0		2.0	0.0
Current Available Surplus/Deficiency	5.0	12.0		0.0	(2.0)
Months Before Capacity	300.0	1,400.0		0.0	0.0

Ongoing

Ongoing

0.0

0.0

Golf Course

1.0

1.0

0.0

(1.0)

0.0

0.0

Gyms

12.0

12.0

6.0

1.0

(5.0)

0.0

0.0

Assistant to City Manager

CRITERIA TO MONITOR

Changed density Changed growth Changed zoning

Changed mix of cable service

New cable provider

UPDATE

Annually in October

RESPONSIBLE AGENCY

Sonic Cable Television

PRIOR ACTION

None

REQUIRED ACTION

Expansion of distribution network

ASSUMPTIONS/SOURCE

All property will be passed by cable service

MEASURES

Existing and future housing units as shown in the Woodland General Plan EIR

1,000 persons per year will be added to the City

CABLE TV SERVICE (Thousand Households Served)

Target Capacity at Buildout	23.0
Estimated Usage at Buildout	20.2
Current Maximum Capacity	15.0
Current Usage	7.5
Current Available Surplus or (Deficiency)	7.5
Months Before Reaching Capacity	Subjective: Rate of
Months Until Action Required	Subscription Ongoing

Public Works Department

CRITERIA TO MONITOR

Growth of connections greater than 4.75% per year Change in density of population Population growth exceeding 2.06% per year

Annually in October

RESPONSIBLE AGENCY

Pacific Telephone

PRIOR ACTION

UPDATE

None

REQUIRED ACTION

Update system

ASSUMPTIONS/SOURCE

The information to complete level of service is proprietary and not available from the telephone company.

MEASURES

1.5 phone lines per resident average - historical trends

2.0 phone lines per resident - projected trend until

1,000 persons per year added to the City until buildout

TELEPHONE SERVICE (Customers Served)

Target Capacity at Buildout	240,000.0
Estimated Usage at Buildout	122,000.0
Current Maximum Capacity	100,000.0
Current Usage	60,000.0
Current Available Surplus or (Deficiency)	40,000.0
Months Before Reaching Capacity	240.0
Months Until Action Required	Ongoing

Citywide

Librarian

CRITERIA TO MONITOR

Change in client interests

Change in ratio of borrowers to population Changed technology for service delivery Change in regional service capability Change in per capita circulation

Changed mix of resources available to borrowers

UPDATE

Annually in October

RESPONSIBLE AGENCY

Librarian

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Volumes per capita - Minimum of 1.8 volumes per

capita

Library square fee per capita - Minimum of .6 sq.

ft. per capita

FTE staff per capita - .36 FTE per 1000 population Acquisition rate per capita - .2 volumes per capita

per year

Sources: California State Library, Public Library Association Interim Standards for Small Public

Libraries.

MEASURES

1,000 persons per year added to City

Library Visits per capita - total annual visits to

the Library divided by the total service are

population

In-House Use per capita - total annual in-house use

of library materials divided by the total service

area population

Reference Transactions per capita - total annual reference transactions conducted by library staff

divided by total service area population

Volumes added per capita

Registered Library users as a percentage of total

service area population

LIBRARY SERVICE LIBRARY USE

	Colle	ection	
Vols	, Per	1,000	pop.

Target Capacity at Buildout	1800
Estamated Usage at Buildout	1800
Existing Collection Size	1667
Existing Need Per Standards	1800
Existing (Deficiency)	(133)

Building Sq Ft Per 1,000 pop.

Target Level of Service	600
Estimated Usage at Buildout	
Current Maximum Capacity	615
Current Usage	600
Current Available Surplus	15

Staffing Required .36 FTE Per 1,000 pop.

Target Level of Service	21.85
Estimated Usage at Buildout	21.85
Current Maximum Capacity	14.04
Current Staffing	11.5
Current Available (Def.)	(2.5)

Community Development

CRITERIA TO MONITOR

Increase in students per household Population growth greater than 2.06%/year Change in density of plan areas Change in zoning of plan area Reduced plant capacity at school sites Chnage in regional service capability State mandated reduction in classroom size

UPDATE

Annually in October

RESPONSIBLE AGENCY

Woodland Joint Unified School District

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Student Yield Factors

Housing	<u>K-6</u>	7-9	10-12	Total
Single Family	•505	.133	.083	.721
Duplexes	•456	.094	.086	•636
Multi-Family	.310	.058	.033	.401

Student Yield Factors Based on Levels of Density

Low Density @ 6 units per acre equals 4.3 students per acre

Medium Density @ 20 units per acre equals 8.02 students per acre

721 students per 1000 units generated from low density residential

401 students per 1000 units generated from medium density residential

Source: Student Yield Factors for Projected Housing, Facilities Master Plan, Woodland Joint Unified School District.

MEASURES

1,000 persons added per year to the City

Projected unit values for low density residential and medium density residential are used from the 1988 General Plan EIR

SCHOOL SERVICES - TOTAL PUBLIC - PRIVATE (Students)

	Public	Private
Target Capacity at Buildout	16,000.0	1,600.0
Estimated Usage at Buildout	15,300.0	1,500.0
Current Maximum Capacity	9,251*	900.0
Current Usage	8,434**	900.0
Current Available Surplus or (Deficiency)	817**	0.0
Months Before Reaching Capacity	30.3	0.0
Months Until Action Required	0.0	0.0

^{*} Elementary 5,352 Secondary 3,899

^{**} Elementary 4,908 Secondary 3,526

^{***} Elementary 444 Secondary 373

CITIZEN GENERATED CALLS FOR SERVICE

MONITORING AGENCY

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Police Department

Direct Action Calls: 810 per thousand

population/year

Assistance Calls: 318 calls per thousand

population/year

Annually in September

Police Department

EXISTING MAXIMUM SERVICE LEVEL/EXISTING USAGE

26,903 estimated calls for service in 1987

The calls include citizen and police calls through the switchboard.

There are two types of calls for assistance to the station by the citizen or the policeman:

- Direct Action calls: The call is placed for direct action for suspected or actual crimes in progress, a crime just completed, or an emergency accident.
- Calls for assistance: These calls include:
 - Follow up reporting
 - Car stop
 - Bar check
 - Subpoena service
 - Bike stops
 - Escorts
 - Phone messages to the policeman
 - Meetings for citizen groups

The standards acceptable to the police department are:

- Direct Action calls: 770 calls/1,000 population/year
- Assistance calls: 375 calls/1,000 population/year

Source: Woodland Police Department - June 1988

MEASURES

- Present and project population levels as shown in the 1988 Woodland General Plan EIR.
- 1,000 persons per year will be added to the City.

COMMENTS: 1987 calls for service have a projected increase of 8% over 1986 calls for service. The calls for service have a direct impact on preventive patrol time. A decrease in free time results in a decrease in traffic enforcement, arrest, and general law enforcement.

POLICE SERVICES - CITIZEN EMERGENCY CALLS - Direct Action (Calls Per 1000 Population)

Target Capacity at Buildout	400.0
Estimated Usage at Buildout	400.0
Current Standard	450.0
Current Usage	400.0
Current Available Capacity or (Deficiency)	50.0
Months Before Capacity	0 months
Months Until Action Required	9 months

POLICE SERVICES - CITIZEN GENERATED CALLS

Citywide

Target Capacity at Buildout	810.0
Estimated Usage at Buildout	810.0
Current Standard Capacity	770.0
Current Usage	810.0
Current Available Capacity or (Deficiency)	(40.0)
Months Before Capacity	0.0
Months Until Action Required	9.0 Months

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

MEASURE

Police Department

1.5 sworn; .5 non-sworn; 2.0 personnel per 1,000 population

Annually in October

Police Department

The Woodland Police Department wishes to maintain the following ratio of Police personnel to 1,000 population standards in order to achieve desirable protection services:

2.0 personnel per 1,000 population 0.5 non-sworn per 1,000 population 1.5 sworn per 1,000 population

SOURCE: Woodland Police Department - June 1988

- Use of assumed standards
- Present and projected population levels as shown in the 1988 Woodland General Plan EIR
- 1,000 persons per year will be added to the City

POLICE SERVICES - RATIO OF PERSONNEL

(Personnel/1,000 Population)

Commence of the contract of th

	Total Personne	Non Sworn Personnel	Sworn Personnel
Target Standard at Buildout	2.0	0.5	1.5
Estimated Usage at Buildout	2.0	0.5	1.5
Current Standard/ Capacity	2.0	0.5	1.5
Current Usage	2.0	0.5	1.5
Current Available Surplus or (Deficiency)	0.0	0.0	0.0
Months Before Capacity	0.0	0.0	0.0
Months Until Action Required	Ongoing	Ongoing	Ongoing

UNCOMMITTED/PREVENTIVE PATROL TIME

MONITORING AGENCY

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Police Department

50% free patrol time

Annually in September

Police Department

Uncommitted/preventive patrol time is based on 9 hour shifts completed during three different periods:

Graveyard shift: 10:00 p.m. - 7:00 a.m.

Afternoon shift: 6:30 a.m. - 3:30 a.m.

Swing shift: 3:00 p.m. - 12:00 p.m.

The least amount of U/P time is during the afternoon shift.

The most amount of U/P time is during the graveyard shift.

The Police Department wishes to maintain a standard of 50% of total time for U/P time.

U/P time represents the following activity:

- Patrol or an assigned geographical area
- · Looking for suspicious activity
- Conduct routine traffic enforcement
- Follow up investigation
- Subpoena and warrant service
- · Report writing and public relations meetings

SOURCE: Woodland Police Department - June 1988

COMMENTS: 40-50% figure is based on a study of individual officers workload as well as Department workloads that include calls for service, reports, arrests, citations and time spent on calls. Free patrol time varies widely from officer to officer and shift to shift. The 40-50% represents an overall department figure.

MEASURES

Derived using police standards and annual reports

POLICE SERVICES - UNCOMMITTED/PREVENTIVE PATROL TIME (Hours Per Shift)

, ,	Citywide
Target Time Spent	4.5
Estimated Usage at Buildout	4.0
Current Acceptable Standards	4.5
Current Time Spent	3.6
Current Available Capacity or (Deficiency)	(0.9)
Months Before Capacity	0.0
Months Until Action Required	Ongoing

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Police Department

254 injury accidents

Annually in October

Police Department

Historical Injury Accident Rate in Woodland, that has required Police response, is 6 accidents per year per 1,000 population.

The Woodland Police Department sets a standard of 4.5 accidents per 1,000 population per year as an acceptable level.

Three components of the causes and prevention of accidents are:

- The physical engineering and design of roadways and facilities.
- The adequacy of enforcement of laws and regulations.
- The level of education for safety and operation of vehicles and consumer groups.

SOURCE: Woodland Police Department

COMMENTS: The number of injury traffic accidents is related to enforcement, engineering, driver education, as well as the amount of traffic on our roadways. The estimated injury accidents for 1987 is 35% over 1985 injury accidents, and is a 17% increase over 1986.

MEASURES

POLICE SERVICES - INJURY ACCIDENTS (Accidents/1,000 Population)

(2000)	Citywide	
Target Capacity at Buildout	6.0	
Estimated Usage at Buildout	6.0	
Current Maximum Acceptable Standard	4.5	
Current Level	6.0	
Current Available Capacity or (Deficiency)	(1.5)	
Months Before Capacity	0.0	
Months Until Action Required	3/12 Mo.	

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Police Department

Major Crimes-Priority 1	Dispatch Time	> 1 Min.
	Police Response Time	> 2 Min.
Major Crimes-Priority 2	Dispatch Time	> 2 Min.
	Police Response Time	> 4 Min.
Major Crimes Cold	_	
Priority 3	Dispatch Time	> 15 Min.
· ·	Police Response Time	> 10 Min.
Minor Crimes Cold	· ·	
Priority 4	Dispatch Time	> 30 Min.
·	Police Response Time	> 10 Min.
Service Calls-Priority 5	Dispatch Time	> 45 Min.
•	Police Response Time	> 10 Min.

Annually in October

Police Department

Total response time includes two periods:

- Dispatch time: The time between when the dispatcher takes the call to the time when the appropriate officer takes the call for action.
- Police response time: The time between when the policeman receives the call from the dispatcher until the policeman arrives on the scene for assistance.

Total response times are divided into the following 5 categories:

Major crimes in progress - Priority 1 calls
 These calls include homicide, aggravated
 assault, rape, robbery, burglary, grand theft,
 vehicle theft, and arson.

The standards the Police Department likes to maintain for Priority 1 calls are:

- Dispatch Time: 1 Min.
- Police Response Time: 2 Min.

ASSUMPTIONS/SOURCE (Continued)

The possibility of making an arrest at the scene of the crime is lowered significantly if the policeman arrives after the standard time limit.

- Minor Crimes Priority 2
 These crimes include all crimes other than Priority 1 calls.
 The standards the Police Department likes to maintain for Priority 2 calls are:
 - Dispatch Time: 2 Min.
 - Police Response Time: 4 Min.
 - Major Crimes Cold Priority 3
 This activity includes major crime investigation, report taking, and evidence gathering.
 The standards the Police Department likes to maintain for Priority 3 calls are:
 - Dispatch Time: 15 Min.
 - Police Response Time: 10 Min.
 - Minor Crimes Cold Priority 4
 This activity includes minor crime investigation, report taking, and evidence gathering.
 The standards the Police Department likes to maintain for Priority 4 calls are:
 - Dispatch Time: 30 Min.
 - Police Response Time: 10 Min.
 - Service Calls Priority 5
 This activity includes subpoena delivery, police relations, patrol and surveillance.

The standards the Police Department likes to maintain for Priority 5 calls are:

- Dispatch Time: 45 Min.
- Police Response Time: 10 Min.

SOURCE: Woodland Police Department

COMMENTS: The data used for response times is May through October, 1987.

Derived using police standards and annual reports

MEASURES

POLICE SERVICES - CITY POLICE - MAJOR CRIMES-Priority 1
(Minutes to Respond)

- . . .

(Minutes to Respond)	, ,		
·	Total Time	Police Time Response	Dispatch Time
Target Capacity at Buildout	4.0	3.0	1.0
Estimated Usage at Buildout	4.0	3.0	1.0
Current Standard	4.0	3.0	1.0
Current Response Time	5.0	3.0	2.0
Current Available Surplus or (Deficiency)	(1.0)	0.0	(1.0)
Months Before Capacity	0.0	3.0	0.0
Months Until Action Required	Ongoing	0.0	Ongoing

POLICE SERVICES - CITY POLICE - MINOR CRIMES- Priority 2 (Minutes to Respond)

(Minutes to Respond)						
	Total Response Time	Pol	lice Response Time	e	Dispatch Time	
Target Capacity at Buildout	6.0		5.0		1.0	
Estimated Usage at Buildout	6.0		5.0		1.0	
Current Standard	6.0		5.0		1.0	
Current Response Time	7.9		4.0		3.9	
Current Available Surplus or (Deficiency)	(1.9)		1.0		(2.9)	
Months Before Capacity	0.0		12.0		0.0	
Months Until Action Required	Ongoing		Ongoing		Ongoing	

POLICE SERVICES - CITY POLICE - MAJOR CRIME COLD- Priority 3 (Minutes to Respond)

(Minutes	to	Kespona)

	Total Response Time	Police Response Time	Dispatch Time
Target Capacity at Buildout	25.0	10.0	15.0
Estimated Usage at Buildout	25.0	10.0	15.0
Current Standard	25.0	10.0	15.0
Current Response Time	23.2	14.7	9.0
Current Available Surplus or (Deficiency)	1.7	(4.7)	6.0
Months Before Capacity	6.0	. 0.0	24.0
Months Until Action Required	0.0	Ongoing	20.0

POLICE SERVICES - CITY POLICE - MINOR CRIME COLD-Priority 4

(Minutes to Respond)	Total Response	Police Response	Dispatch Time
Target Capacity at Buildout	40.0	10.0	30.0
Estimated Usage at Buildout	40.0	10.0	30.0
Current Standard	40.0	10.0	30.0
Current Response Time	28.2	8.2	10.0
Current Available Surplus or (Deficiency)	11.8	1.8	20.0
Months Before Capacity	36.0	12.0	60.0
Months Until Action Required	30.0	9.0	56.0

POLICE SERVICES - CITY POLICE - SERVICE CALL - Priority 5 (Minutes to Respond)

	Total Response Time	Police Response Time	Dispatch Time
Target Capacity at Buildout	45.0	10.0	35.0
Estimated Usage at Buildout	45.0	10.0	35.0
Current Standard	45.0	10.0	35.0
Current Response Time	31.3	21.3	10.0
Current Available Surplus or (Deficiency)	13.7	(11.4)	25.0
Months Before Capacity	60.0	0.0	60.0
Months Until Action Required	56.0	Ongoing	56.0

Police Department

CRITERIA TO MONITOR

40/1,000

UPDATE

Annually in September

RESPONSIBLE AGENCY

Police Department

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Major eight crimes are homicide, aggravated assault, rape, robbery, burglary, grand theft (over \$400), vehicle theft, and arson.

As a Police Department standard

 Major eight crimes will not exceed 40 crimes per thousand total for all classes.

 To advertise, hire, train, equip and provide office supply for 1 officer it takes a total of 9 months lead time.

 Land use and population density conditions affect major 8 crime levels and human behavior. Increased density causes greater human infraction and a loss of personal privacy and space. Parking conditions, noise levels, and increases invasion of personal domain increases crime levels.

SOURCE: Woodland Police Department - June 1988

MEASURES

Derived using police standards and annual reports

POLICE SERVICES - MAJOR 8 CRIMES (Crimes/1,000 population)

	CityWide
Target Capacity at Buildout	40.0
Estimated Usage at Buildout	40.0
Current Maximum Capacity	40.0
Current Usage	43.0
Current Available Capacity or (Deficiency)	(3.0)
Months Before Capacity	0.0
Months Until Action Required	Ongoing

MONITORING AGENCY	Police Department	
CRITERIA TO MONITOR	Desirable Solvability Murder (80%) Aggra. Assault (70%) Rape (70%) Robbery (50%) Burglary (20%) Larceny/Theft (20%) Motor Vhcl. Theft (30%) Arson (25%)	
UPDATE	Annually in October	
RESPONSIBLE AGENCY	Police Department	
REQUIRED ACTION	Expanded Program	
ASSUMPTIONS/SOURCE	The Woodland Police Department wishes to maintain the percentage solvability rate standards for the following crimes:	
	Murder (80%) Aggra. Assault (70%) Rape (70%) Robbery (50%) Burglary (20%) Larceny/Theft (20%) Motor Vhcl. Theft (30%) Arson (25%) The Police Department believes these are realistic goals considering current conditions within society, applicable laws to achieve success for arrest and equipment and manpower available.	
MEASURES	Derived using police standards and annual reports	

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - MURDER (Percentage of Murder Cases Solved)

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	wid	

Target Percentage of Solvability at Buildout	100.0
Estimated Solvability at Buildout	80.0
Current Standard Level of Solvability	80.0
, in the second	70.0
Current Level of Solvability	, , , ,
Current Residual of Solvability	(10.0)
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - AGGRAVATED ASSAULT (Percentage of Aggravated Assault Cases Solved)

Target Percentage of Solvability at Buildout Estimated Solvability at Buildout	100.0
Current Standard Level of Solvability	70.0
Current Level of Solvability	30.0
Current Residual of solvability	(40.0)
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - RAPE (Percent Solved)

Citywide

Target Percentage of Solvability at Buildout	100.0
Estimated Solvability at Buildout	90.0
Current Standard Level of Solvability	70.0
Current Level of Solvability	19.0
Current Residual of solvability	(51.0)
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - ROBBERY (Percent Solved)

, , , , , , , , , , , , , , , , , , , ,	Citywide
Target Percentage of Solvability at Buildout	100.0
Estimated Solvability at Buildout	90.0
Current Standard Level of Solvability	50.0
Current Level of Solvability	42.0
Current Residual of solvability	(8.0)
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - LARCENY/THEFT (Percent Solved)

Target Percentage of Solvability at Buildout	100.0
Estimated Solvability at Buildout	100.0
Current StandardLevel of Solvability	20.0
Current Level of Solvability	47.0
Current Residual of solvability	27.0
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - BURGLARY

(Percent Solved)

Citywide

Target Percentage of Solvability at Buildou	100.0
Estimated Solvability at Buildout	80.0
Current Standard Level of Solvability	60.0
Current Level of Solvability	40.0
Current Residual of Solvability	20.0
	1
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - ARSON (Percent Solved)

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Target Percentage of Solvability at Buildout	100.0
Estimated Solvability at Buildout	80.0
Current Standard Level of Solvability	25.0
Current Level of Solvability	20.0
Current Residual of Solvability	(5.0)
Months Before Capacity	0.0
Months Until Action Required	0.0

POLICE SERVICES - SOLVABILITY OF MAJOR 8 CRIMES - MOTOR VEH. THEFT (Percent Solved)

(**************************************	Citywide
Target Percentage of Solvability at Buildout	100.0
Estimated Solvability at Buildout	80.0
Current Standard Level of Solvability	40.0
Current Level of Solvability	77.0
Current Residual of Solvability	37.0
Months Before Capacity	0.0
Months Until Action Required	0.0

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Woodland Police Department

Change in the amount of children meeting criteria to enter program.

Annually in September

Woodland Police Department

Expanded Program

One counselor is employed and instructs and advises the children. He can advise 200 children per year.

The children are diverted from Juvenile Hall into this program after being arrested for criminal behavior.

The standard set by the Police Department for the acceptable number of children in the city who would meet criteria to enter the program is 4.5 children per 1,000 population or less.

The total capacity of the program is 200 children per year.

SOURCE: Woodland Police Department - June 1988

Derived using police standards and annual reports

MEASURES

POLICE SERVICES - YOUTH SERVICES

(Children/1,000 Population)

	Citywide
Target Standard of Children in program at E	4.5
Estimated Number of Children at Buildout	-
Current Max. Standard Acceptable Program	4.5
Current Usage	
Current Level Surplus/Deficiency	(0.4)
Months Before Capacity	0.0
Months Until Action Required	0.0

Woodland Police Department

CRITERIA TO MONITOR

Increased number of licensed animals

Increased dog bite cases

Rabies alert or declaration by health officer of

rabies

Current C.F.S. is approximately 1600 - dead animals

about 500

UPDATE

Annually in October

RESPONSIBLE AGENCY

Yolo County Animal Control Services

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Yolo County contracts with the City of Woodland to provide Animal Control Services and shelter. In 1990 the City will contract for 1 full time Animal Control Officer Monday thru Friday, 8:00 a.m. to 5:00 p.m.; share 2 County-wide Animal Control Officers (approximately 241 annual hours - 832 hours x 29% - Woodland's population % compared to Yolo County population), on-call Monday thru Saturday, 5:00 p.m. to 8:00 a.m. and sunday 24 hours; share 1 County-wide Animal Control Officer for Education and Prevention programs (approximately 580 hours based on Woodland population).

Animal Control Shelter - Currently the proposed contract calls for Woodland to provide for 35% of the total shelter care cost (&61,560 out of the shelter budget of \$176,000). Woodland's share of the housing provided by the shelter is estimated to be approximatedly 35%.

MEASURES

Use of assumed standards Present and projected pipulation levels as shown in the 1988 Woodland General Plan EIR 1,000 persons per year will be added to the City

POLICE SERVICES - ANIMAL CONTROL - SHERIFFS DEPT. (Patrol Hours/1,000 Population)

Target Capacity at Buildout	34 hrs/1000 Population	
Estimated Usage at Buildout	34 hrs/1000 Population	
Current Standard Capacity	32 hrs/1,000 Population	
Current Usage	32 hrs/1,000 Population	
Current Available Surplus or (Deficiency)	0.0	
Months Before Capacity	0.0	
Months Until Action Required	0.0	

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

Fire Department

Loss of mutual aid
Reduction in volunteers
Age of equipment
Replacement schedule
High rise construction
Fire hazard industrial development
Toxic material presence
Driving Distance of Station Location
Annually in October

Fire Department

Response Time

Response time measured in GPM/Response Time (The amount of manpower/equipment able to respond in minutes with the ability to to fight a level of GPM fire.)

The City of Woodland Fire Department has the following standards set for the following types of land use:

- Commercial and Industrial 3500 GPM
- Light Commercial and Multi-Family 2500 GPM with a 3 minute average response time
- Residential -1500 GPM with a 3 minute response time.

First response within 3 minutes The firefighting team that would be able to fight a 3500, 2500 and a1500 GPM fire are as follows:

- 3500 GPM fire Data to be provided
- 2500 GPM fire 6 men, 2 pumper fire trucks,
 1500 GPM fire
- Fire Hydrant 1000 GPM

The Fire Department has the capability to fight a 3500 GPM fire at any facility within the city given a first and second alarm.

ASSUMPTIONS/SOURCE (CONTINUED)

The new Fire Station near Road 101 amd East Main Street will be completed in 1991 will provide an average response time of 3 minutes could be maintained for the entire city for its respective landuse GPM manpower, equipment, and hydrant flow standards.

Medical Aid - Response
Medical Aid response is measured in minutes to
arrive at the scene of an accident.

The Fire Department Standard for medical response is 3.5 Minutes

The Fire Department provides basic life support services.

The Fire Department is designated as the responsible agency to respond first to an injury or emergency situation.

The Fire Department is equipped to stabilize an accident victim until an advanced medical aid public/private vehicle arrives.

Firefighting Personnel
Personnel is measured in firefighter per GPM flow.

The standard flow requirement for an engine company (3 firefighters) is 250 GPM which equates to 85 GMP per firefighter for the particular landuse GPM (Commercial 1500, Industrial 1500, Residential 1000 GPM) as shown in the Response Time - Assumptions shown above. This firefighter standard is set for service to each individual plan area.

Firefighting Equipment is measured by Fire-engine per GPM flow.

ASSUMPTIONS/SOURCE (CONTINUED)

ISO Rating

The ISO rating is a measurement of Fire Department competence to provide fire suppression services on a scale of 1 to 10

The City of Woodland sets a standard of ³ for the ISO Rating.

The ISO rating is formally a Fire Suppression Rating schedule determined by review by the Insurance Services Office. The schedule measures the major elements of a city's fire suppression system. These measurements are then developed into a Public Protection Classification Number on a relative scale from 1 to 10; 10 representing less than the minimum recognized protection. The schedule is only a fire insurance rating tool.

The schedule consists of 2 major sections:

- Public Fire Suppression: This section develops a classification system for all class rated properties and specifically rated properties with a needed fire flow of 3500 GPM or less. This system evaluates the following given current quantifiable factors:
 - Needed fire flow
 - Receiving and handling fire alarms
 - Profile of Engine Companies
 - Water Supply
- Individual Property Fire Suppression: This section develops a classification for specifically related properties which have a needed fire flow greater than 3500 GPM. This system further evaluates these properties using the procedures explained in the previous section but with different factors.

						PLAN	AREAS					
FIRE DEPARTMENT SERVICES Commercial/Industrial response Time/ 1500 (Average Minutes)	GPM CITY WIDE	A	В	С	D	E	F	G	Н	I	J	К
Target Capacity at Buildout	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Estimated Response Time at Buildout	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Current Maximum Capacity (Target)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Current Response Time	4.5	5.0	3.0	3.0	7.0	7.0	7.0	3.0	3.0	3.0	4.0	3.0
Current Available Surplus or (Deficiency)	(1.5)	(2.0)	0.0	0.0	(4.0)	(4.0)	(4.0)	0.0	0.0	0.0	(1.0)	0.0
Months Before Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Until Action Required	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

						PLAN	AREAS					
FIRE DEPARTMENT SERVICES Residential Response Time/ 1000 GPM (Average Minutes)	CITY WIDE	А	В	С	D	E	F	G	Н	I	J	К
Target Capacity at Buildout	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Estimated Response Time at Buildout	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Current Maximum Capacity (Target)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Current Response Time	3.7	5.0	3.0	2.5	3.0	5.0	5.0	3.0	3.0	3.0	4.0	3.0
Current Available Surplus or (Deficiency)	(0.7)	(2.0)	0.0	0.5	0.0	(2.0)	(2.0)	0.0	0.0	0.0	(1.0)	0.0
Months Before Capacity	12.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Until Action Required	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FIRE DEPARTMENT SERVICES Medical Aid Response Time (Argange Minutes)

Citywide (Average Minutes) Target Capacity at Buildout 3.5 3.5 Estimated Response Time at Buildout 3.5 Current Maximum Capacity (Target) 3.5 Current Response Time Current Available Surplus or (Deficiency) 0.0 0.0 Months Before Capacity 0.0 Months Until Action Required

FIRE DEPARTMENT SERVICES (ISO Rating) (Number 1-10)	Citywide
Target Capacity at Buildout	2.0
Estimated Usage at Buildout	2.0
Current Maximum Capacity (Target)	2.0
Current Usage	3.0
Current Available Surplus or (Deficiency)	(1.0)
Months Before Capacity	0.0
Months Until Action Required	0.0

ADMINISTRATION

CITY MANAGER
CITY ATTORNEY
PERSONNEL
COMMUNITY DEVELOPMENT
PUBLIC WORKS
ADMINISTRATION

2.13.1

MONITORING AGENCY

CRITERIA TO MONITOR

UPDATE

RESPONSIBLE AGENCY

REQUIRED ACTION

ASSUMPTIONS/SOURCE

MEASURES

City Manager

Not meeting deadlines

Annually in October

Department Heads

6.7 full time city employees per 1,000 population 2.3 full time administration employees per 100 city employees

Use of assumed standards Present and projected population levels as shown in the 1988 Woodland General Plan EIR 1,000 persons per year will be added to the City

ADMINISTRATION - MUNICIPAL EMPLOYEES

(Number of Employees)	Total	Admin	Commun. Develop.	Finance	Fire	LIbrary	Parks & Rec.	Police	Public Works
Target Capacity at Buildout	389.0	9.0	17.0	24.0	63.0	22.0	51.0	118.0	96.0
Estimated Usage at Buildout	389.0	9.0	17.0	24.0	63.0	22.0	51.0	118.0	96.0
Current Maximum Capacity	228.0	6.0	10.0	14.0	37.0	13.0	30.0	69.0	56.0
Current Usage	228.0	6.0	10.0	14.0	37.0	13.0	30.0	69.0	56.0
Current Available Surplus or (Deficiency)	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-
Months Before Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Months Until Action Required	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MONITORING AGENCY

Public Works Department

CRITERIA TO MONITOR

Change in conditions affecting provided services

(See Assumptions)

UPDATE

Annually in October

RESPONSIBLE AGENCY

Public Works Department

PRIOR ACTION

Identified Service Standards

ACTION REOUIRED

Increase Staffing and/or efficiency of:

Street Division

Equipment Maintenance Division

Utilities Division

ASSUMPTIONS/SOURCE

The following standards apply to the maintenance

programs:

Tree trimming (5 yr cycle) 800 Trees/Trimming crew

Traffic signals

35 signals/man yr

Streets

Street lights (city owned) 2100 lights/man yr 10 miles/man yr

Storm Drains

40 miles/man yr

Signs and stripes

29 miles/man yr

Municipal garage

70 pcs equip/man yr

Sewer collection

3200 connections/man yr

Wastewater treatment plant 1.25 man yr/1 MPG

Water System

1000 Connections/man yr

Assumptions for Buildout Projections:

16000 trees

70 signals

3000 street lights (city owned)

170 miles roadways

80 miles of storm drains

490 pcs equipment

19000 sewer connections

8.0 MGD wastewater

19000 water connections

MEASURES

Number of street trees Number of traffic signals

Number of City owned street lights

Storm drain mileage

Street mileage

MEASURES (CONTINUED)

Equipment maintained
Wastewater volume and sewer connections
Water connections

Source: Ron Tribbett, Director of Public Works

	SEWER	WASTEWATER		
PUBLIC WORKS	COLLECTION	TREATMENT	WATER	STORM
STAFFING REQUIREMENTS	SYSTEM	PLANT	SYSTEM	DRAIN SYSTE
(NUMBER OF STAFF)	MAINTENANCE	MAINTENANCE	MAINTENANCE	MAINTENANCE
Target Level of Service	Full Staffing	Full Staffing	Full Staffi	ng Full Staff
Estimated Usage at Buildout	6	10	19	2
Existing current Standard/ Conditions	4.1	5.6	13.1	1.6
Existing Staffing	3.2	5	10.9 (a)	1.1
Current Surplus/Deficiency () in staffing	(.9)	(.6)	(2.2)	(.5)
Months Before Capacity	0	0	0	Ö
Months Until Action Required	0	0	0	0

Notes:

- 1. Numbers Indicate man years.
- 2. Superintendents/Managers not shown in existing staffing

Footnote:

a. Includes water stystems operator.

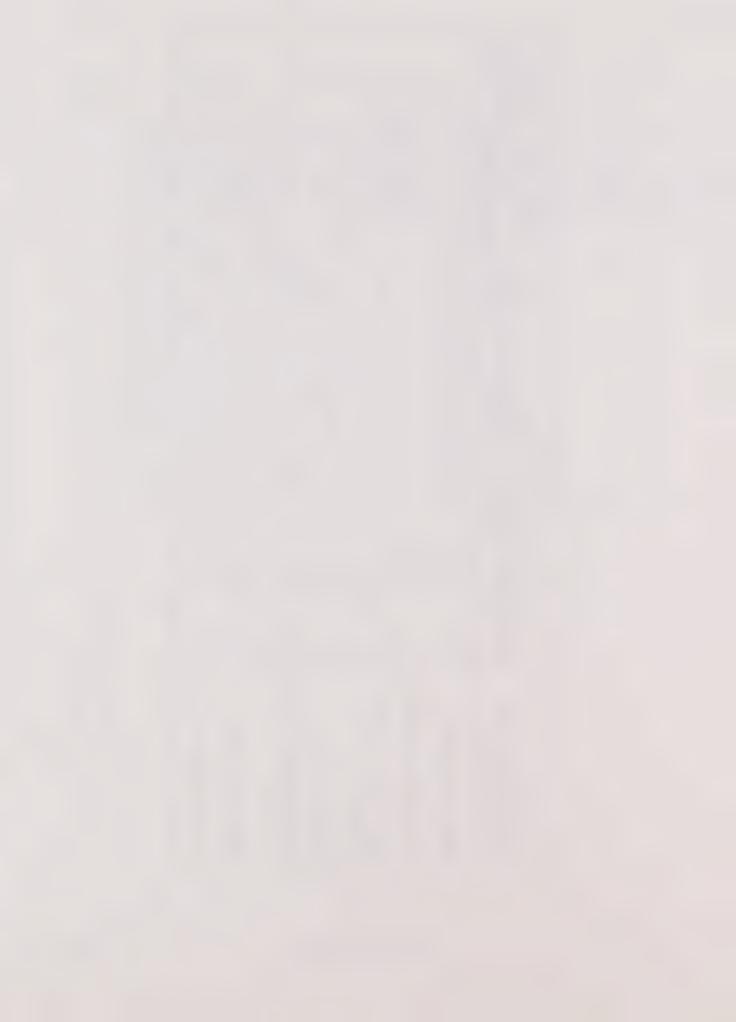
PUBLIC WORKS STAFFING REQUIREMENTS (NUMBER OF STAFF)	TREE MAINTENANCE CREW	TRAFFIC SIGNAL MAINTENANCE STAFF	STREET LIGHT MAINTENANCE STAFF	STREET MAINTENANCE STAFF (b)	STREET SIGNING AND STRIPING STAFF	MUNICIPAL EQUIPMENT MAINTENANCE STAFF
Target Level of Service	<		FULL STAFFING			->
Estimated Usage at Buildout	4	2	1.5	17	6	7
Existing current Standard/ Conditions	3.1	.8	.8	11.5	4	4.6
Existing Staffing	2	0.8	.8	7.6	2.8	4
Current Surplus/Deficiency () in staffing	(1.1)	0	0	(3.9)	(1.2)	(.6)
Months Before Capacity	0	6	24	0	0	0
Months Until Action Required	0	6	18	0	0	0

Notes:

- 1. Numbers Indicate man years except as noted
- 2. Superintendents/Managers not show in existing staffing

Footnotes:

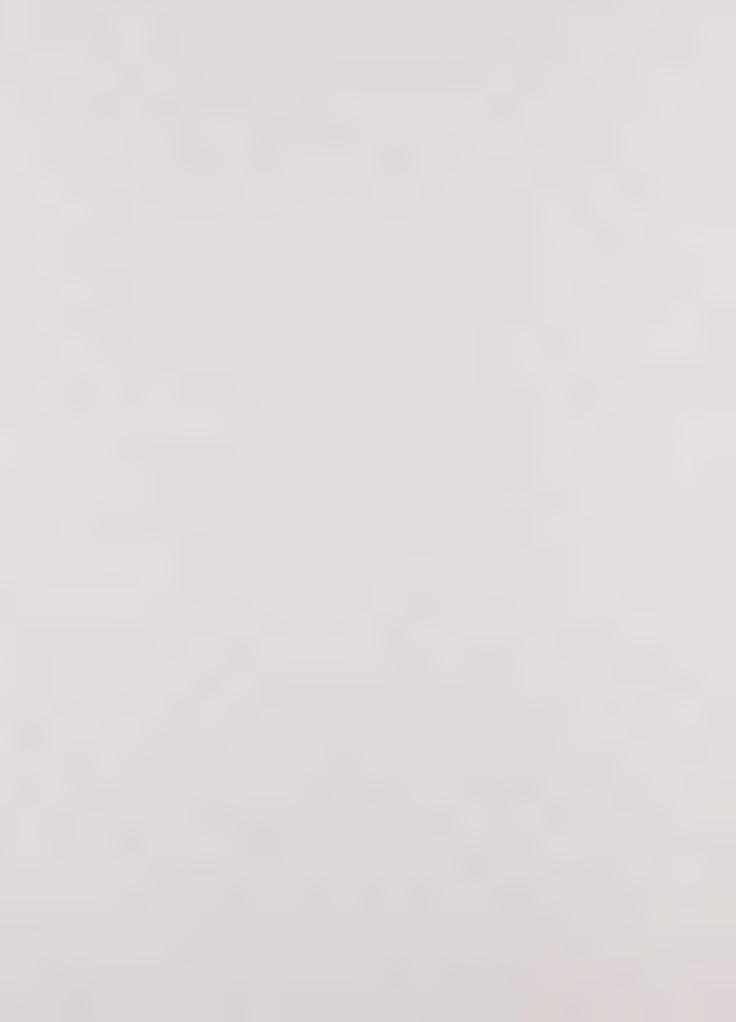
- (a) Tree Crew 2 trimmers
- (b) Streets Only sidewalk, curb & gutter maintenance not included







3.0 RESOURCES/CONTACTS



The following table lists the sources contacted for data and a roster of names, addresses and telephone numbers that can be used by monitors to update levels of service information. It is recognized that the names, phone numbers and addresses of sources will change over time. This source roster can be updated as the level of service plan data is gathered.

CITY PROVIDED		
SERVICES	MONTTOR	SOURCE OF DATA IN PLAN

Wastewater	Director of Public Works	CH2M Hill - (415) 652-2426 Emeryville, CA Dewante & Stowell (916) 447-3261
Domestic Water	Director of Public Works	Dewante & Stowell (916)447-3261 2000 "O" St., Suite 200 Sacramento, CA 95814-5212
Storm Drainage	Director of Public Works	Brown & Caldwell (916) 444-0123 723 S Street Sacramento, CA 95814
Streets	Director of Public Works	DKS Associates - (415) 763-2061 1956 Webster Street, Suite 300. Oakland, CA 94612
Parks & Recreation	Director of Parks & Recreation	Dept of Parks & Recreation John Suhr 1017 Main Street Woodland, CA 95695
Library	Librarian	Marie Bryan
Law Enforcement	Police Chief	Russ Smith Police Dept., City Hall, Woodland
Fire Protection	Fire Chief	John Buchanan, Fire Chief City Hall, Woodland (916) 661-5860
Administration	City Manager	Gary Wirth, AIA - (916) 662-9146 666 Dead Cat Alley Woodland, CA 95695



SERVICES PROVIDED BY OTHERS	MONITORING AGENCY	SOURCE OF DATA

Refuse		M. H. J. Directal Corp. (016) 662-8748
Collection	Director of Finance	Woodland Disposal Corp (916) 662-8748 P.O. Box 2087 Woodland, CA 95695
Disposal	Director of Finance	, Senior Civil Engineer 292 West Beamer Street Woodland, CA 95695
Transportation Annual report prepared for STIP.	Director of Community Development	Terry Bassett
Energy Electricity Natural Gas	Director of Public Works	P G & E 309 Elm Street Woodland, CA 95695 Shannon Campbell - (916) 662-2836
Communications Cable TV	Assistant to City Manager	John Adams - (916) 372-2221 Sonic Cable TV 1031 Triangle Court West Sacramento, CA 95605-2396
Telephone	Director of Public Works	Rod Carmody - (916) 972-3086 Area Manager, Pac Tel P.O. Box 15038 Sacramento, CA 95851
Schools Woodland Joint Unified School District	Director of Community Development	Velma Gonzalez - (916) 662-0201 Asst. Superintendent, Woodland Joint Unified 526 Marshall Avenue Woodland, CA 95695
Yuba Community College	Director of Community Development	Ruby Henry, Business Manager - (916) 741-6700 2088 N. Beale Road Marysville, CA 95901



